

Roof Replacement: College -- No. 876664

Category
Agency
Planning Area
Relocation Impact

Montgomery College
Montgomery College
Countywide

Date Last Modified
Previous PDF Page Number
Required Adequate Public Facility

November 6, 2003
20-15 (03 App)
NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY03	Est. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
Planning, Design and Supervision	679	335	104	240	40	47	51	60	24	18	0
Land											
Site Improvements and Utilities											
Construction	5,192	2,397	748	2,047	394	456	510	270	237	180	0
Other											
Total	5,871	2,732	852	2,287	434	503	561	330	261	198	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	2,993	921	852	1,220	217	251	281	241	131	99	0
Current Revenue:											
General	1,248	1,248	0	0	0	0	0	0	0	0	0
State Aid	1,630	563	0	1,067	217	252	280	89	130	99	0

ANNUAL OPERATING BUDGET IMPACT (\$000)

DESCRIPTION

This project provides for the replacement/major repair of roofs and entrance canopies on buildings at all three campuses, including the addition of roof insulation as part of the replacement work. Project costs are based on comprehensive roof surveys of all College buildings completed in October 2000.

JUSTIFICATION

The College has implemented a roof replacement/renovation program to respond to the aging of building roofs. The program provides for the periodic evaluation of roofs on a four year cycle. The current roof replacement/major repair schedule (10/00) delineates specific building projects through FY08. This schedule will be updated again in FY04. Roofs requiring major renovation are generally ten years or older in age. In the initial replacement cycle, approximately 33% of the construction cost is for the addition of roof insulation on each building. Added insulation results in an average five year payback due to reduced energy costs and lower first costs of mechanical equipment retrofits in building renovations. This project is coordinated with the College's building renovation program and with the replacement of major roof-top building equipment.

Plans and Studies

Collegewide Roof Surveys (10/00) and Collegewide Facilities Condition Assessment (8/02).

STATUS

Continuing project to be coordinated with building renovations. The current project list (provided below) is based on a Collegewide roof survey completed in October 2000. In FY04, the College will prepare an update roof survey of all buildings, including new cost estimates.

OTHER

By County Council Resolution #12663, the cumulative project appropriation was reduced by \$65,000 in FY92. In addition, the State share was reduced \$65,000 in FY92. FY87-FY91, and FY93 project funding was 100% current revenue. FY92 funding was current revenue and State aid. No appropriations were made to this project in FY94 and FY95. In FY96, funding was changed to G.O bonds and State aid. State aid applies only to roof replacement design and construction. Roof surveys are 100% County G.O. bond funded.

The FY03 appropriation request of \$327,000 (\$231,000 - G.O. Bonds and \$96,000 - State Aid) was combined with \$136,000 in unused State aid previously appropriated by the County to provide a total of \$463,000 in funding for the planned FY03 roof replacement projects.

FY2005 Appropriation: \$434,000 (\$217,000 -- G.O. Bonds and \$217,000 -- State Aid).

* Project expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY87	(\$000)
Initial Cost Estimate		589
First Cost Estimate		
Current Scope	FY03	5,263
Last FY's Cost Estimate		5,263
Present Cost Estimate		5,871
Appropriation Request	FY05	434
Appropriation Req. Est.	FY06	503
Supplemental		
Appropriation Request	FY04	0
Transfer		0
Cumulative Appropriation		3,584
Expenditures/		
Encumbrances		2,733
Unencumbered Balance		851
Partial Closeout Thru	FY02	0
New Partial Closeout	FY03	0
Total Partial Closeout		0

COORDINATION

Energy Conservation (CIP#816611)
PLAR: College (CIP#926659)
FY02 -- Performing Arts Center (RV)
FY03 -- Humanities & Social Sciences (GT) and PE Main Gym (GT)
FY04 -- Collegewide Roof Surveys & Major Repairs, and RV Child Care Center
FY05 -- Campus Tower Low Roof (RV), CAB (RV), and PE - Middle Roof (GT)
FY06 -- Theatre Arts (RV), Student Services (RV) and Science North (TP)
FY07 -- PE (RV) and Computer Science (RV)
FY08 -- Collegewide Roof Surveys and Major Repairs, and Mannakee (RV)
FY09 -- Campus Center (RV)
FY10 -- Science East (RV)

Montgomery College asserts that this project conforms to the requirements of relevant local plans, as required by the Maryland Economic Growth, Resource Protection and Planning Act.

MAP